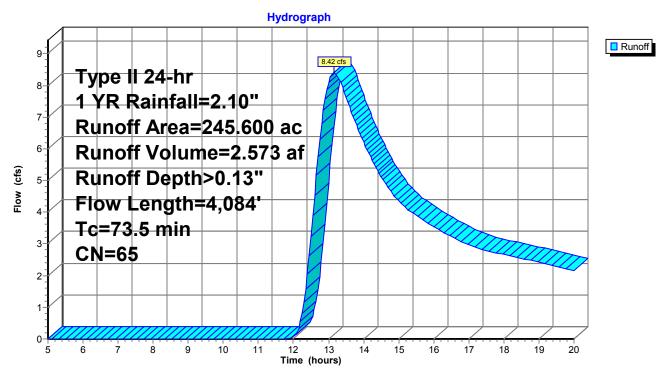
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Summary for Subcatchment 1S: POI-1

Runoff = 8.42 cfs @ 13.16 hrs, Volume= 2.573 af, Depth> 0.13"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs Type II 24-hr 1 YR Rainfall=2.10"

Area (ac) CN Description							
_	33.	000	51	1 acr	e lots, 20°	% imp, HSC	3 A
	10.	700	68	1 acr	e lots, 20°	% imp, HSC	G B
	4.	800	79	1 acr	e lots, 20°	% imp, HS0	G C
	10.	000	84	1 acr	e lots, 20°	% imp, HS0	3 D
	32.	200	30	Woo	ds, Good,	HSG A	
			55		ds, Good,		
			70		ds, Good,		
	112.		77		ds, Good,		
			83				ies, 50% imp, HSG A
			89				ies, 50% imp, HSG B
			92				ies, 50% imp, HSG C
2.100 93 Paved roads w/open ditches, 50% imp, HSG D							
	245.		65		hted Aver		
	229.				5% Pervio		
	15.850			6.45°	% Impervi	ous Area	
	_		_				
	Tc	Length		lope	Velocity		Description
_	(min)	(feet)		(ft/ft)	(ft/sec)	(cfs)	
	14.9	100	0.3	3000	0.11		Sheet Flow, Trace-2 Sheet
							Woods: Dense underbrush n= 0.800 P2= 2.30"
	51.0	1,942	0.0	0161	0.63		Shallow Concentrated Flow, Trace 2 Shallow
		0.045		20=4		-0- 60	Woodland Kv= 5.0 fps
	7.6	2,042	0.0	0051	4.47	787.22	Channel Flow, Trace 2 Channel
							Area= 176.0 sf Perim= 80.4' r= 2.19'
_							n= 0.040 Winding stream, pools & shoals
	73 5	4 N24	To	tal l			



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Summary for Subcatchment 1S: POI-1

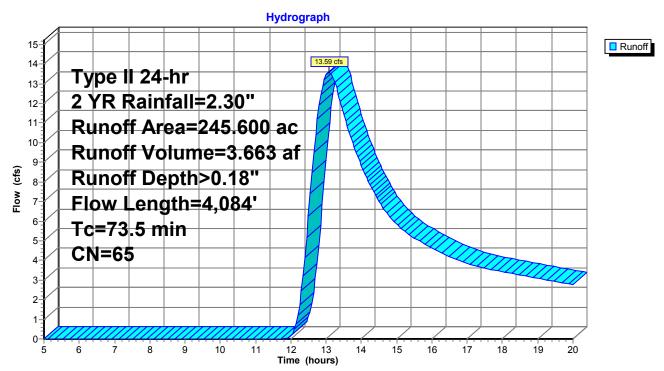
Runoff = 13.59 cfs @ 13.08 hrs, Volume= 3.663 af, Depth> 0.18"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs Type II 24-hr 2 YR Rainfall=2.30"

Area (ac) CN Description									
33.	000	51 <i>°</i>	1 acı	e lots, 20°	% imp, HS0	S A			
10.	700	68	1 acı	e lots, 20°	% imp, HS0	G B			
4.	G C								
10.000 84 1 acre lots, 20% imp, HSG D									
32.200 30 Woods, Good, HSG A									
31.									
3.	200			ds, Good,					
112.				ds, Good,					
						es, 50% imp, HSG A			
						es, 50% imp, HSG B			
			Paved roads w/open ditches, 50% imp, HSG C						
2.100 93 Paved roads w/open ditches, 50% imp, HSG D									
245.	600			ghted Aver					
229.			93.55% Pervious Area						
15.	850	(6.45	.45% Impervious Area					
_		0.1				D			
Tc	Length		ppe	Velocity	Capacity	Description			
(min)	(feet)		t/ft)	(ft/sec)	(cfs)				
14.9	100	0.30	000	0.11		Sheet Flow, Trace-2 Sheet			
						Woods: Dense underbrush n= 0.800 P2= 2.30"			
51.0	1,942	0.01	161	0.63		Shallow Concentrated Flow, Trace 2 Shallow			
						Woodland Kv= 5.0 fps			
7.6	2,042	0.00)51	4.47	787.22	Channel Flow, Trace 2 Channel			
						Area= 176.0 sf Perim= 80.4' r= 2.19'			
						n= 0.040 Winding stream, pools & shoals			
73.5	4,084	Tota	al						

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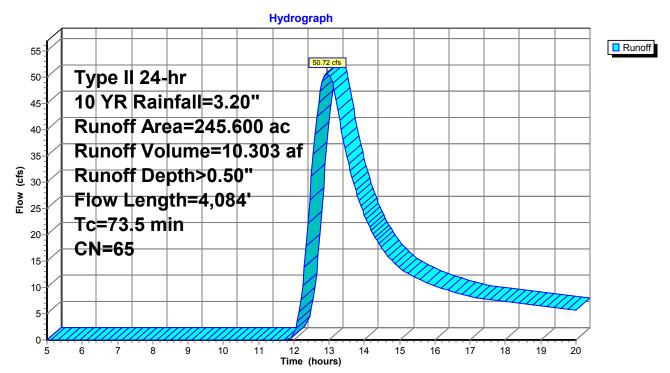
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Summary for Subcatchment 1S: POI-1

Runoff = 50.72 cfs @ 12.95 hrs, Volume= 10.303 af, Depth> 0.50"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs Type II 24-hr 10 YR Rainfall=3.20"

Area (ac) CN Description										
	33.	000	51	1 acı	e lots, 20°	% imp, HS0	G A			
	10.	700	68	1 acr	e lots, 20°	% imp, HS0	G B			
	4.	800	79	1 acı	e lots, 20°	% imp, HS0	3 C			
	10.	000	84	1 acı	e lots, 20°	% imp, HS0	3 D			
	32.	200	30	Woo	ds, Good,	HSG A				
	31.	300	55	Woo	ds, Good,	HSG B				
	3.	200	70	Woo	ds, Good,	HSG C				
	112.	100	77	Woo	ds, Good,	HSG D				
	4.	800	83	Pave	ed roads w	open ditch	nes, 50% imp, HSG A			
	0.	600	89	Pave	ed roads w	open ditch	nes, 50% imp, HSG B			
	0.	800	92	Pave	ed roads w	open ditch	nes, 50% imp, HSG C			
	2.	nes, 50% imp, HSG D								
	245.	600	65	Weig	hted Aver	age				
	229.	750		93.55% Pervious Area						
	15.	850		6.45	% Impervi	ous Area				
					•					
	Tc	Length	S	Slope	Velocity	Capacity	Description			
	(min)	(feet)	((ft/ft)	(ft/sec)	(cfs)				
	14.9	100	0.3	3000	0.11		Sheet Flow, Trace-2 Sheet			
							Woods: Dense underbrush n= 0.800 P2= 2.30"			
	51.0	1,942	0.0	0161	0.63		Shallow Concentrated Flow, Trace 2 Shallow			
							Woodland Kv= 5.0 fps			
	7.6	2,042	0.0	0051	4.47	787.22	Channel Flow, Trace 2 Channel			
							Area= 176.0 sf Perim= 80.4' r= 2.19'			
							n= 0.040 Winding stream, pools & shoals			
	73.5	4 084	To	ıtal	•					

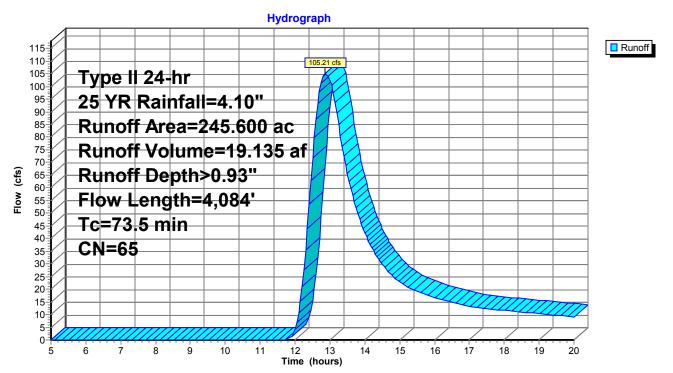


Summary for Subcatchment 1S: POI-1

Runoff = 105.21 cfs @ 12.87 hrs, Volume= 19.135 af, Depth> 0.93"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs Type II 24-hr 25 YR Rainfall=4.10"

Area	(ac) C	N Des	cription						
33.	000	51 1 ac	re lots, 20°	% imp, HS0	G A				
10.	700 (38 1 ac	re lots, 20°	% imp, HS0	3 B				
4.	G C								
10.	000	G D							
32.	200 3	30 Woo	ds, Good,	Good, HSG A					
			Woods, Good, HSG B						
			ods, Good,						
112.			ods, Good,						
					ies, 50% imp, HSG A				
					ies, 50% imp, HSG B				
			Paved roads w/open ditches, 50% imp, HSG C						
2.	100 9	93 Pav	<u>ed roads w</u>	/open ditch	ies, 50% imp, HSG D				
245.	600		Weighted Average						
229.		93.5	5% Pervio	us Area					
15.	850	6.45	% Impervi	ous Area					
_									
Tc	Length	Slope	Velocity	Capacity	Description				
<u>(min)</u>	(feet)	(ft/ft)	(ft/sec)	(cfs)					
14.9	100	0.3000	0.11		Sheet Flow, Trace-2 Sheet				
					Woods: Dense underbrush n= 0.800 P2= 2.30"				
51.0	1,942	0.0161	0.63		Shallow Concentrated Flow, Trace 2 Shallow				
					Woodland Kv= 5.0 fps				
7.6	2,042	0.0051	4.47	787.22	•				
					Area= 176.0 sf Perim= 80.4' r= 2.19'				
					n= 0.040 Winding stream, pools & shoals				
73.5	4,084	Total							



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Summary for Subcatchment 1S: POI-1

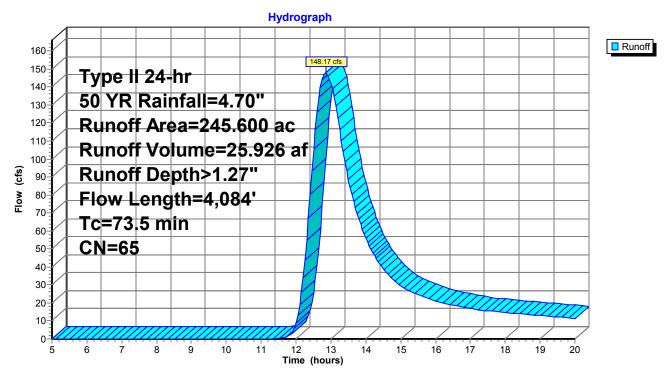
Runoff = 148.17 cfs @ 12.85 hrs, Volume= 25.926 af, Depth> 1.27"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs Type II 24-hr 50 YR Rainfall=4.70"

Area (ac) CN Description							
_	33.	000	51	1 acr	e lots, 20°	% imp, HSC	3 A
	10.	700	68	1 acr	e lots, 20°	% imp, HSC	G B
	4.	800	79	1 acr	e lots, 20°	% imp, HS0	G C
	10.	000	84	1 acr	e lots, 20°	% imp, HS0	3 D
	32.	200	30	Woo	ds, Good,	HSG A	
			55		ds, Good,		
			70		ds, Good,		
	112.		77		ds, Good,		
			83				ies, 50% imp, HSG A
			89				ies, 50% imp, HSG B
			92				ies, 50% imp, HSG C
2.100 93 Paved roads w/open ditches, 50% imp, HSG D							
	245.		65		hted Aver		
	229.				5% Pervio		
	15.850			6.45°	% Impervi	ous Area	
	_		_				
	Tc	Length		lope	Velocity		Description
_	(min)	(feet)		(ft/ft)	(ft/sec)	(cfs)	
	14.9	100	0.3	3000	0.11		Sheet Flow, Trace-2 Sheet
							Woods: Dense underbrush n= 0.800 P2= 2.30"
	51.0	1,942	0.0	0161	0.63		Shallow Concentrated Flow, Trace 2 Shallow
		0.045		20=4		-0- 60	Woodland Kv= 5.0 fps
	7.6	2,042	0.0	0051	4.47	787.22	Channel Flow, Trace 2 Channel
							Area= 176.0 sf Perim= 80.4' r= 2.19'
_							n= 0.040 Winding stream, pools & shoals
	73 5	4 N24	To	tal l			

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Summary for Subcatchment 1S: POI-1

which may be purchased at www.hydrocad.net. Full programs also include complete documentation, technical support, training materials, and additional features which are essential for actual design work.

Runoff = 186.81 cfs @ 12.84 hrs, Volume= 32.024 af, Depth> 1.56"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs Type II 24-hr 100 YR Rainfall=5.20"

Area (ac) CN Description							
_	33.	000	51	1 acr	e lots, 20°	% imp, HSC	3 A
	10.	700	68	1 acr	e lots, 20°	% imp, HSC	G B
	4.	800	79	1 acr	e lots, 20°	% imp, HS0	G C
	10.	000	84	1 acr	e lots, 20°	% imp, HS0	3 D
	32.	200	30	Woo	ds, Good,	HSG A	
			55		ds, Good,		
			70		ds, Good,		
	112.		77		ds, Good,		
			83				ies, 50% imp, HSG A
			89				ies, 50% imp, HSG B
			92				ies, 50% imp, HSG C
2.100 93 Paved roads w/open ditches, 50% imp, HSG D							
	245.		65		hted Aver		
	229.				5% Pervio		
	15.850			6.45°	% Impervi	ous Area	
	_		_				
	Tc	Length		lope	Velocity		Description
_	(min)	(feet)		(ft/ft)	(ft/sec)	(cfs)	
	14.9	100	0.3	3000	0.11		Sheet Flow, Trace-2 Sheet
							Woods: Dense underbrush n= 0.800 P2= 2.30"
	51.0	1,942	0.0	0161	0.63		Shallow Concentrated Flow, Trace 2 Shallow
		0.045		20=4		-0- 60	Woodland Kv= 5.0 fps
	7.6	2,042	0.0	0051	4.47	787.22	Channel Flow, Trace 2 Channel
							Area= 176.0 sf Perim= 80.4' r= 2.19'
_							n= 0.040 Winding stream, pools & shoals
	73 5	4 N24	To	tal l			

